

WHAT IS CLAIMED IS:

1. A hybrid hot air heater comprising a chassis having first and second outlets on its front face and first and second inlets on its rear face, wherein:

a gas heater unit comprised of a gas burner and a first air-blowing fan arranged below said gas burner to mix combustion gas sent from said gas burner and air sucked into said chassis through said first inlet and blow it out through said first outlet into the room; and

an electric heater unit comprised of an electric heater for heating air taken in through said second inlet and a second air-blowing fan for blowing out said heated air through said second outlet into the room;

are incorporated into said chassis in such a manner that air-blowing systems of the respective heater units may be independent of each other.

2. The hybrid hot air heater according to claim 1, wherein to prevent resonant vibration at the time of simultaneous operation of said first and second air-blowing fans, vibration frequency altering means for changing a natural frequency is provided in at least one of said first and second air-blowing fans.

3. The hybrid hot air heater according to claim 2, wherein said vibration frequency altering means is a casing in which said electric heater unit is housed, to which casing a motor of said second air-blowing fan is fixed.

4. The hybrid hot air heater according to claim 3, wherein said casing is made of resin having heat resistance.